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Macroeconomic policy questions: science and technology for development

Guyana*: draft resolution

Science and technology for development

The General Assembly,

Reaffirming the continuing validity of the Vienna Programme of Action on Science and Technology for Development,[1] adopted in 1979, its resolution 52/184 of 18 December 1997, and all other relevant United Nations resolutions and decisions, as well as the outcomes of major United Nations conferences and their five-year reviews concerning science and technology for development,

Reaffirming also the common vision of science and technology as a common heritage of mankind in which the entitlement to the knowledge and its derived benefits for development should not be restricted,

Stressing that the pace of globalization is influenced in large measure by the development of science and technology and that developing countries should be assisted to become well-equipped with the knowledge of science and technology so as to enable them to benefit from the opportunities offered by globalization and avoid the risk of their marginalization in the process of globalization,

Noting with concern the introduction of agricultural seedlings that would impair predictable season-to-season harvests and crop production in developing countries,

Recognizing the importance of establishing and strengthening partnership and networking between firms from the South and the North to build and strengthen the technological capabilities and skills needed for developing countries to compete in the international markets,

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* On behalf of the States Members of the United Nations that are members of the Group of 77 and China.

[1] *Report of the United Nations Conference on Science and Technology for Development, Vienna, 20-31 August 1979* (United Nations publication, Sales No. E.79.I.21 and corrigenda), chap. VII.

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Recognizing also that information technologies are important requisites for planning, development and decision-making in science and technology, and recognizing also their far-reaching implications for society,

Noting the work being undertaken by the Commission on Science and Technology for Development in its work programme for member States, especially the developing countries, and reaffirming its unique role as a global forum for examining science and technology questions, improving the understanding of science and technology policies and formulating recommendations and guidelines on science and technology matters within the United Nations system, in relation to development,

Expressing its profound concern over the continued inadequacy of resources for fostering science and technology for development, and the lack of political will to fulfil the commitments for provision of new and additional resources in this respect,

Expressing its concern over the fact that the developing countries are increasingly facing obstacles in respect of accessing new technologies, with export restrictions being imposed under various pretexts, and emphasizes that intellectual property rights regimes should not increase the cost of technology transfer to developing countries,

Expressing concern over the dominant role of large private industry groups in biotechnology, particularly in agriculture, pharmaceutical and health care, whose interests may lead to the control and prevention of dissemination of research knowledge that could benefit mankind,

Taking note of the report of the Secretary-General on macroeconomic policy questions: science and technology for development,

1. *Reaffirms* the important role that the United Nations should play in the promotion of cooperation in science and technology as one of its priorities, and in the enhancement of support and assistance to developing countries in their efforts to achieve sustained economic growth and sustainable development, and emphasizes the need to enhance the capability of the relevant United Nations organizations and bodies, especially the United Nations Conference on Trade and Development and the Commission on Science and Technology for Development, to address relevant issues in the field of science and technology;

2. *Reaffirms* Economic and Social Council resolution 1999/61 of 30 July 1999, in which the Council approved the provisional agenda and substantive theme for the fifth session of the Commission on Science and Technology for Development;

3. *Recognizes* the role of the Commission on Science and Technology for Development in coordinating the activities of the United Nations system in the area of science and technology for development, and emphasizes the importance of the activities that are to be pursued within the framework of the Commission, including a broad spectrum of new global challenges in science and technology, and encourages support to these undertakings;

4. *Recognizes also* the importance for developing countries of having access to science and technology so as to enhance their productivity and competitiveness in the world market, and stressing the need to promote, facilitate and finance, as appropriate, access to and transfer of environmentally sound technologies and the corresponding know-how, including privately owned technologies, in particular to the developing countries, on concessional, preferential and favourable terms, taking into account the special needs of developing countries,

5. *Reaffirms* that capacity-building in science and technology in developing countries should remain a priority issue in the United Nations agenda, and urges that international cooperation efforts be intensified and strengthened towards developing countries' endogenous capacity-building in science and technology, including their capacity to utilize scientific and technological developments from abroad as well as to modify and adapt them to suit local conditions;

6. *Recognizes* the role of the public and private sector in science and technology for development, in particular in the transfer and development of science and technology capabilities;

7. *Reiterates* the importance of facilitating the transfer of technology to developing countries, in particular in knowledge-intensive sectors, with the objective of enhancing technological capacities and capabilities and skills in developing countries;

8. *Emphasizes* the role of partnership and networking mechanisms for the integration of developing countries into the world economy, in particular by strengthening national capacity-building, promoting market access across a large number of sectors and industries, dissemination of new business and management cultures, especially among small and medium-sized enterprises, and expanding opportunities for them to leverage their own research and development activities;

9. *Reaffirms* the need to fulfil the commitments on the provision of financial resources and transfer of technology contained in chapter 34 of Agenda 21,[2] the outcome of the nineteenth special session of the General Assembly and the Agenda for Development;[3]

10. *Recognizes* that, while applications of agricultural biotechnology in developing countries, if associated with the capacity to ensure their compatibility with human health and developing countries' ecosystems, provide viable opportunities for improving productivity and increasing production capacity in the agricultural sector, developing countries have limited access to such technologies and face a number of impediments in their development of biotechnology;

11. *Calls* for farmer-friendly biotechnology that will foster crop reproduction, improve season-to-season harvests while enhancing economic growth and the sustainable development of developing countries;

12. *Encourages* the Commission on Science and Technology for Development to expand, to the extent possible, the scope of its deliberations on the theme "National capacity-building in biotechnology" with particular attention to agriculture and the agro-industry, health and environment for the inter-sessional period 1999-2001, and stresses the necessity of promoting linkages and partnership among public and private sectors and centres of excellence and networks in developed and developing countries with the objective of strengthening national research capability and capacity in biotechnology in developing countries;

13. *Stresses* the need to establish science and technology as a cross-cutting theme within the work of the United Nations, particularly through effective and better coordination, including international cooperation in technology assessment, monitoring and forecasting, as well as in the area of information and communication technologies, partnership and networking for innovative and new technologies, in biotechnology and in providing an

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[2] *Report of the United Nations Conference on Environment and Development, Rio de Janeiro, 3-14 June 1992, vol. I, Resolutions adopted by the Conference* (United Nations publication, Sales No. E.93.I.8 and corrigendum), resolution 1, annex II.

[3] Resolution 51/240, annex.

environment conducive to the development of new environmentally sound technologies, and calls upon United Nations organizations, funds and programmes to work in a coordinated manner to develop a catalogue of proven technologies to enable developing countries to make effective choices in state-of-the-art technologies;

14. *Encourages* the United Nations system to ensure, where appropriate in its operational activities, the provision for the transfer of appropriate technical know-how and technological skills to developing countries;

15. *Reaffirms* the need for adequate financial resources on a continuous and assured basis to foster science and technology for development, in particular to promote endogenous capacity-building in developing countries in accordance with their priorities;

16. *Emphasizes* that the barriers and restrictions on the transfer of technology to developing countries, including new technology regimes established unilaterally and/or plurilaterally, should be removed, while fiscal and other incentives for the transfer of new and innovative technologies should be provided, and in this regard invites relevant international bodies to review and ensure that the agreement on trade-related aspects of intellectual property rights does not hinder the acquisition by developing countries of appropriate technologies;

17. *Recognizes* the importance of cooperation among developing countries in the field of science and technology, building on their complementarities, and the need to further advance such cooperation, through the establishment and/or the strengthening of national technology and information centres in developing countries and their networking on regional, subregional, interregional and global levels to promote technology research, training and dissemination as well as joint projects in developing countries, and urges the organizations and bodies of the United Nations system and other relevant international, regional and subregional organizations and programmes to provide continued and enhanced support, through technical assistance and financing for such efforts, further calls for cooperation between centres of excellence, universities and research institutions, and urges the international community to support such initiatives through financial and technical assistance;

18. *Invites* the relevant bodies of the United Nations system to provide assistance and promote cooperation in the area of partnership and networking, biotechnology, information and communication technologies, including in the design and implementation of national strategies on such technologies or mechanisms;

19. *Requests* the Secretary-General to present, through the Economic and Social Council, to the General Assembly at its fifty-fifth session, for its consideration, proposals for strengthening the coordination of mechanisms on the Commission on Science and Technology for Development within the United Nations Conference on Trade and Development in order to ensure coordination of the various efforts and activities in the area of new and innovative technologies and their applications, such as in electronic commerce, with the objective of promoting complementarity of activities within the United Nations system;

20. *Requests* the Secretary-General to submit to the General Assembly at its fifty-fifth session a report on the progress made in the implementation of the present resolution.